FORM PTO-1390 (REV 12-2004) **TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371** U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 4003.003500 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/525571
INTERNATIONAL APPLICATION NO. PCT/US2003/041249	INTERNATIONAL FILING DATE December 24, 2003	PRIORITY DATE CLAIMED December 24, 2002

TITLE OF INVENTION: SCREENING METHODS USING ZEBRAFISH TO IDENTIFY THROMBOTIC AND ANTI-THROMBOTIC COMPOUNDS AND GENES

APPLICANT(S) FOR DO/EO/US: PUDUR JAGADEESWARAN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.

3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. ☒ The US has been elected (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))

    a. ☒ is attached hereto (required only if not communicated by the International Bureau).

    b. ☐ has been communicated by the International Bureau.

    c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☐ is attached hereto.

    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))

    a. ☐ are attached hereto (required only if not communicated by the International Bureau).

    b. ☐ have been communicated by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☒ have not been made and will not be made.

8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. ☒ A preliminary amendment.

14. ☐ An Application Data Sheet under 37 CFR 1.76.

15. ☐ A substitute specification.

16. ☐ A power of attorney and/or change of address letter.

17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.

18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4)

19. ☐ A second copy of the English language translation of the international application under 35 USC 154(d)(4)

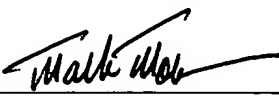20. ☒ Other items or information: Check; Postcard

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CERTIFICATE OF EXPRESS MAILING

NUMBER   EV 512314098 US

DATE OF DEPOSIT: FEBRUARY 22, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **10/525571**	INTERNATIONAL APPLICATION NO. PCT/US2003/041249	ATTORNEY'S DOCKET NUMBER 4003.003500

21. ☒ The following fees are submitted:

☒ a) Basic national fee	$300.00	$ 300.00
☒ b) Examination fee	$200.00	$ 200.00
☒ c) Search fee	$500.00	$ 500.00
TOTAL OF ABOVE CALCULATIONS:	$1000.00	$ 1000.00

☒ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
62 - 100 =	0	0	X $250.00	$ 0.00

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   → $ 130.00

CLAIMS	NUMBER FILED		NUMBER EXTRA	RATE	
Total claims	20	-20 =	0	X $ 50.00	$ 0.00
Independent claims	8	- 3 =	5	X $ 200.00	$ 1000.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ $360.00	$
			TOTAL OF ABOVE CALCULATIONS =		$ 2130.00

☒ Applicants claim small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	$2415.00
SUBTOTAL =	$1065.00

Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	$
TOTAL NATIONAL FEE =	$1065.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property	$
TOTAL FEES ENCLOSED =	$1065.00
	Amount to be: refunded $ charged $

a. ☒ A check in the amount of $1065.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 50-0786 in the amount of $_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0786/4003.003500. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit Card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
CUSTOMER NO. 23720

WILLIAMS, MORGAN & AMERSON, P.C.
10333 Richmond, Suite 1100
Houston, Texas 77042
(713) 934-4084

Date: FEBRUARY 22, 2005

_____
SIGNATURE

MARK D. MOORE
PRINTED NAME

Reg.. No. 42,903
REGISTRATION NUMBER